

**CLAIMS**

1. A vehicle glazing panel comprising a radiation-reflective coating layer and at least a window in the coating layer, permeable to electromagnetic radiations, adapted to have at least an inside antenna mounted behind it, characterised in that the size and design of the window permeable to electromagnetic radiations increase the transmission ratio at 0° between said inside antenna and a base station outside the vehicle.
2. A vehicle glazing panel in accordance with claim 1, characterised in that, when considering a circularly polarised electromagnetic wave of 5.8 GHz, the size and design of the window permeable to electromagnetic radiations increase the transmission ratio at 0° between the inside antenna and the base station by at least 2 dB.
3. A vehicle glazing panel in accordance with claim 2, characterised in that the size and design of the window permeable to electromagnetic radiations increase the transmission ratio at 0° by at least 5 dB.
4. A vehicle glazing panel in accordance with claim 2 or claim 3, characterised in that, when considering a circularly polarised electromagnetic wave of 5.8 GHz, the size and design of the window permeable to electromagnetic radiations do not decrease the transmission ratio at +35° or -35° between the inside antenna and the base station.
5. A vehicle glazing panel in accordance with any preceding claim, characterised in that the distance between the position at which the inside antenna is adapted to be mounted and the glazing panel is at most  $\frac{2D^2}{\lambda}$ , where D is the largest dimension of the inside antenna and  $\lambda$  the wavelength to which the antenna is devoted.

6. A vehicle glazing panel in accordance with any preceding claim, characterised in that the window permeable to electromagnetic radiations has a size such that at least a square of  $1.064\lambda \times 1.064\lambda$  may be inscribed in it.
7. A vehicle glazing panel in accordance with any preceding claim, characterised in that the window has a size such that at least a square of  $5.5 \times 5.5 \text{ cm}^2$  may be inscribed in it.
8. A vehicle glazing panel in accordance with any of claims 1 to 5, characterised in that the window permeable to electromagnetic radiations is a substantially circular zone having an area of at least  $0.735\lambda^2$ .
9. A vehicle glazing panel in accordance with claim 8, characterised in that the window permeable to electromagnetic radiations is a substantially circular zone having an area of at least  $19.5 \text{ cm}^2$ .
10. A vehicle glazing panel in accordance with claim 9, characterised in that the window permeable to electromagnetic radiations is a disk with a diameter of at least 7 cm.
11. A vehicle glazing panel in accordance with any of claims 1 to 10, characterised in that the window permeable to electromagnetic radiations is a zone wherein no coating layer is present.
12. A vehicle glazing panel in accordance with any of claims 1 to 10, characterised in that the window permeable to electromagnetic radiations is a zone wherein the coating layer is absent from a pattern of dots, arranged linearly or in alternate rows.
13. A vehicle glazing panel in accordance with claim 12, characterised in that the dots without coating layer have each a diameter of at least  $0.116\lambda$ .

14. A vehicle glazing panel in accordance with claim 12 or claim 13, characterised in that the dots without coating layer have each a diameter of at least 5 mm.
15. A vehicle glazing panel in accordance with any of claims 12 to 14, characterised in that the dots without coating layer have each a diameter between 5 and 7 mm.
16. A vehicle glazing panel in accordance with any of claims 12 to 15, characterised in that the window permeable to electromagnetic radiations comprises at least 50 dots with no coating layer.
17. A vehicle glazing panel in accordance with claim 16, characterised in that the window permeable to electromagnetic radiations comprises at least 64 dots with no coating layer.
18. A vehicle glazing panel in accordance with any preceding claim, which is electrically heatable.